Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 01 Aug 2023 until 23:59 on Wednesday 02 Aug 2023

Forecast Issued on Monday 31 Jul 2023 at 15:01

Confidence: High confidence for a continuation of unsettled conditions, but some uncertainty regarding track of low pressure system and rain on Wednesday.

Headline for Tuesday 01 Aug 2023: Largely cloudy with patchy rain.

Mountain weather hazards on Tuesday 01 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Light rain	Light rain	Cloudy	Cloudy	Cloudy
Precipitation probability							
30%	40%	60%	60%	60%	40%	30%	20%

Forecast for Tuesday 01 Aug 2023

Weather: Becoming dry for a time overnight, however cloud thickening once again towards dawn, bringing intermittent rain and drizzle. This most likely across western upslopes, with some sheltered eastern parts staying largely dry. Rain easing in the afternoon as it becomes a bit brighter, although a few showers still possible. Variable cloud and isolated showers through the evening.

Chance of cloud-free hill tops above 600m: 10-20%, increasing in the afternoon to around 80% by 1500.

Low Cloud and visibility: Generally good, but poor in rain and drizzle, with widespread cloud above 400-500m and patches down to 300m. Cloud gradually lifting and breaking in the afternoon, but visibility reducing to 5-10km in any showers, with further patches of cloud 500-600m.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 01 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/24 W	18/25 W	14/21 W	12/17 W	11/16 W	11/18 W	8/12 SW	4/7 S	6/9 SE
300	11/23 W	12/24 W	11/20 W	9/17 W	9/17 W	11/18 W	7/13 SW	4/8 S	4/8 SE
Valley	9/20 W	9/20 W	7/15 W	9/16 NW	9/16 W	8/15 W	5/10 SW	3/7 SE	6/11 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/7	11/8	12/9	12/10	13/11	12/10	10/10	10/9
300	13/11	12/10	12/10	14/12	15/14	15/14	14/13	12/12	12/11
Valley	14/12	13/12	13/12	15/14	16/15	16/15	16/15	14/14	13/13
Freezing Level*	2400m	2500m	2600m	2600m	2700m	2700m	2700m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 25-35mph possible through the early morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 31 Jul 2023	17.2mm	25mm	26mm

Forecast for Wednesday 02 Aug 2023

Weather: Cloudy and windy, with patchy rain turning heavy and persistent on Wednesday morning. Rain becoming showery in the afternoon, before clearing eastwards in the evening.

Maximum wind: Northeasterly 20-25mph gusting 35-40mph.

Chance of cloud-free hill tops above 600m: 70-80% decreasing to around 40-50% on Wednesday morning. Chances increasing to 90% in the evening.

Low Cloud and visibility: Generally good, but poor to moderate in rain, and reducing to a few km in heavy bursts. Extensive cloud, with broken bases lowering to 400-500m at times, before clearing in the evening.

Temperature: **Valleys:** 13 deg C becoming 18 deg C.
At 600m: 12 deg C.
Freezing level: Above summits.

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